

Reply to Office Action of November 15, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for driving a plasma display panel (PDP), which has a first frame period determined by a first vertical synchronization signal and a second vertical synchronization signal, and a second frame period determined by the second vertical synchronization signal and a third vertical synchronization signal, and which displays a predetermined image by arranging a first frame having a plurality of first weight fields during the first frame period and, at the same time, arranging a second frame having a plurality of second weight fields with brightness weights different from brightness weights of the plurality of first weight fields during the second frame period, the method comprising:

varying the first and second frame periods, wherein the first frame period and the second frame period are varied differently from each other; and

~~wherein the first and second frames are shifted~~ shifting the first and second frames as the first and second frame periods are varied.

2. (Original) The method according to claim 1, wherein the first frame period and the second frame period are relatively varied according to which of the brightness weights of the

plurality of first weight fields and the brightness weights of the plurality of second weight fields are larger.

3. (Original) The method according to claim 1, wherein a sum of the varied first and second frame period is maintained constant.

4. (Canceled)

5. (Previously Presented) The method according to claim 1, wherein the first and second frame periods are varied depending on a value of an input gray level.

6. (Previously Presented) The method according to claim 1, wherein the first and second frame periods are varied depending on a value of an average picture level.

7. (Currently Amended) A method for driving a plasma display panel (PDP), which displays a predetermined image by arranging a first frame having a plurality of first weight fields and, at the same time, arranging a second frame having a plurality of second weight fields with brightness weights different from brightness weights of the plurality of first weight fields, the method ~~comprises~~comprising:

determining whether a frame period is to be varied on the basis of order of an ~~by varying~~
the timing of inputted vertical synchronization signals ~~signals~~;

varying the first and second frame period ~~according to whether the periods if it is~~
determined that a frame period is to be varied; and

shifting and arranging the first and second ~~frames in the varied frame periods if it is~~
determined that a frame period is to be varied.

8. (Currently Amended) The method according to claim 7, wherein ~~the each~~ frame
period is an interval between ~~the a first~~ vertical synchronization signal and a next vertical
synchronization signal.

9. (Canceled)

10. (Currently Amended) The method according to claim 7, wherein ~~the each~~ vertical
synchronization signal has an order of an odd vertical synchronization signal or an order of an
even vertical synchronization signal.

11. (Currently Amended) The method according to claim 7, wherein, when it is
determined that ~~the a first~~ frame period is to be increased, a next frame period is relatively
decreased.

12. (Currently Amended) The method according to claim 7, wherein the ~~frame period~~
~~is first and second frame periods are~~ varied depending on a value of an input gray level.

13. (Currently Amended) The method according to claim 7, wherein the ~~frame period~~
~~is first and second frame periods are~~ varied depending on a value of an average picture level.

14. (Currently Amended) The method according to claim 7, wherein, when the first
frame period is increased, the first frame period is shifted left.

15. (Currently Amended) The method according to claim 7, wherein, when the first
frame period is decreased, the first frame period is shifted right.

16. (Currently Amended) An apparatus for driving a plasma display panel (PDP),
which displays a predetermined image by arranging a first frame having a plurality of first weight
fields and, at the same time, arranging a second frame having a plurality of second weight fields
with brightness weights different from brightness weights of the plurality of first weight fields,
the apparatus ~~comprises~~comprising:

means for determining whether a frame period is to be varied on the basis of an order of
~~an~~ by varying the timing of inputted vertical synchronization signals;

means for varying the first and second frame period ~~according to the determining of periods if the determining means determines that a frame period is to be varied~~; and

means for shifting and arranging the first and second frames ~~during the varied frame period~~ frame periods if it is determined that a frame period is to be varied.

17. (Currently Amended) The apparatus according to claim 16, wherein ~~the~~ each frame period is an interval between ~~the~~ a first vertical synchronization signal and a next vertical synchronization signal.

18. (Currently Amended) The apparatus according to claim 16, wherein ~~the~~ each vertical synchronization signal has an order of an odd vertical synchronization signal or an order of an even vertical synchronization signal.

19. (Currently Amended) The apparatus according to claim 16, ~~further comprising:~~
~~means for adjusting variation of the varied frame period wherein the varying means varies~~
the first and second frame periods according to a value of an input gray level.

20. (Currently Amended) The apparatus according to claim 16, ~~further comprising:~~
~~means for adjusting variation of the varied frame period wherein the varying means varies~~
the first and second frame periods according to a value of an average picture level.

21. (Currently Amended) The apparatus according to claim 16, wherein the varying means decreases a ~~next~~second frame period relatively when the ~~frame~~a first period is increased.

22. (Previously Presented) The method of claim 1, wherein the times at which the first, second and third vertical synchronization signals are output are varied, to thereby vary the durations of the first and second frame periods.

23. (Previously Presented) The method of claim 22, wherein the amount by which the first, second and third vertical first vertical synchronization signals are varied depends on a brightness value of the first and second frames.

24. (Previously Presented) The method of claim 23, wherein the first, second and third vertical synchronization signals are varied more when the first and second frames have a high brightness value.

25. (Previously Presented) The method of claim 22, wherein the times at which the first, second and third vertical synchronization signals are output are varied such that when a first frame period is lengthened by a predetermined amount, a consecutive second frame period is shortened by the same predetermined amount, and such that when a first frame period is

shortened by a predetermined amount, a consecutive second frame period is lengthened by the same predetermined amount

26. (New) The method of claim 7, wherein when the first and second frame periods are varied and shifted, the total duration of the first and second frame periods is equal to the total duration of the unshifted and unvaried first and second frame periods.

27. (New) The method of claim 7, wherein when the first and second frame periods are varied, one of the first and second frame periods is lengthened by the same amount that the other of the first and second frame periods is shortened.